ABSTRACT OF THE DISCLOSURE

A sample of a body fluid such as blood or interstitial fluid is obtained from a body by lancing a portion of a user's skin, preferably in an area other than a finger tip, to form an incision. After the needle has been removed from the incision, a force is applied to depress the skin in a manner forming a ring of depressed body tissue in surrounding relationship to the incision, causing the incision to bulge and the sides of the incision to open, whereby body fluid is forced out through the opening of the incision. A stimulator member is mounted to an end of a lancet-carrying housing for applying the force. The stimulator member can be movable relative to the housing, and can be either heated or vibrated to promote movement of the body fluid.